SEQUENCE LISTING

(1) GENERAL INFORMATION:

- (i) APPLICANT: Briskin, Michael J.
 Ringler, Douglas J.
 Picarella, Dominic
 Newman, Walter
- (iii) NUMBER OF SEQUENCES: 17
- (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
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 - (C) CITY: Lexington
 - (D) STATE: Massachusetts
 - (E) COUNTRY: U.S.A.
 - (F) ZIP: 02421-4799
 - (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Floppy disk
 - (B) COMPUTER: IBM PC compatible
 - (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 - (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
- (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER: US 08/875,849
 - (B) FILING DATE: 08-SEP-1997
 - (C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: PCT/US96/02153
 - (B) FILING DATE: 12-FEB-1996
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: US 08/523,004
 - (B) FILING DATE: 01-SEP-1995
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: US 08/386,857
 - (B) FILING DATE: 10-FEB-1995
- (viii) ATTORNEY/AGENT INFORMATION:
 - (A) NAME: Brook, David E.
 - (B) REGISTRATION NUMBER: 22,592
 - (C) REFERENCE/DOCKET NUMBER: LKS94-04A2
 - (ix) TELECOMMUNICATION INFORMATION:
 - (A) TELEPHONE: 781-861-6240
 - (B) TELEFAX: 781-861-9540

(2) INFORMATION FOR SEQ ID NO:1: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 1624 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: double

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(ix) FEATURE:

(A) NAME/KEY: CDS (B) LOCATION: 1..1218

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

						GGG Gly		48
						CCC Pro 30		96
						ACC Thr		144
						GGC Gly		192
						GTC Val		240
						TGC Cys		288
						CTT Leu 110		336
						GTG Val		384
						GTG Val		432
						CTG Leu		480

	GCC Ala							528	
	GAG Glu							576	
 	GGG Gly 195	 	 					624	
	CCT Pro							672	
	CCG Pro							720	
	ACC Thr							768	
	ACC Thr							816	
	ACC Thr 275							864	
	AAG Lys							912	
	AGG Arg							960	
	ggg Gly							1008	
	GGT Gly							1056	
	CTG Leu 355							1104	
	CAC His							1152	
	CCC Pro							1200	

Cn.

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GTC GGG ATC AGC CCC TCC TGAGTGGCCA GCCTTTCCCC CTGTGAAAGC Val Gly Ile Ser Pro Ser 405	1248
AAAATAGCTT GGACCCCTTC AAGTTGAGAA CTGGTCAGGG CAAACCTGCC TCCCATTCTA	1308
CTCAAAGTCA TCCCTCTGCT CACAGAGATG GATGCATGTT CTGATTGCCT CTTTGGAGAA	1368
GCTCATCAGA AACTCAAAAG AAGGCCACTG TTTGTCTCAC CTACCCATGA CCTGAAGCCC	1428
CTCCCTGAGT GGTCCCCACC TTTCTGGACG GAACCACGTA CTTTTTACAT ACATTGATTC	1488
ATGTCTCACG TCTCCCTAAA AATGCGTAAG ACCAAGCTGT GCCCTGACCA CCCTGGGCCC	1548
CTGTCGTCAG GACCTCCTGA GGCTTTGGCA AATAAACCTC CTAAAATGAT AAAAAAAAAA	1608
AAAAAAA AAAAAA	1624
(2) INFORMATION FOR SEQ ID NO:2: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 406 amino acids (B) TYPE: amino acid (D) TOPOLOGY: linear (ii) MOLECULE TYPE: protein	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:	
Met Asp Phe Gly Leu Ala Leu Leu Leu Ala Gly Leu Leu Gly Leu Leu 1 5 10 15	
Leu Gly Gln Ser Leu Gln Val Lys Pro Leu Gln Val Glu Pro Pro Glu 20 25 30	

Pro Val Val Ala Val Ala Leu Gly Ala Ser Arg Gln Leu Thr Cys Arg

Leu Ala Cys Ala Asp Arg Gly Ala Ser Val Gln Trp Arg Gly Leu Asp

Thr Ser Leu Gly Ala Val Gln Ser Asp Thr Gly Arg Ser Val Leu Thr

Val Arg Asn Ala Ser Leu Ser Ala Ala Gly Thr Arg Val Cys Val Gly

Ser Cys Gly Gly Arg Thr Phe Gln His Thr Val Gln Leu Leu Val Tyr 105

Ala Phe Pro Asp Gln Leu Thr Val Ser Pro Ala Ala Leu Val Pro Gly 115

Asp Pro Glu Val Ala Cys Thr Ala His Lys Val Thr Pro Val Asp Pro 135

Asn Ala Leu Ser Phe Ser Leu Leu Val Gly Gly Gln Glu Leu Glu Gly 150 155 145 Ala Gln Ala Leu Gly Pro Glu Val Gln Glu Glu Glu Glu Pro Gln 170 Gly Asp Glu Asp Val Leu Phe Arg Val Thr Glu Arg Trp Arg Leu Pro Pro Leu Gly Thr Pro Val Pro Pro Ala Leu Tyr Cys Gln Ala Thr Met 200 Arg Leu Pro Gly Leu Glu Leu Ser His Arg Gln Ala Ile Pro Val Leu 215 His Ser Pro Thr Ser Pro Glu Pro Pro Asp Thr Thr Ser Pro Glu Pro Pro Asn Thr Thr Ser Pro Glu Ser Pro Asp Thr Thr Ser Pro Glu Ser 250 Pro Asp Thr Thr Ser Gln Glu Pro Pro Asp Thr Thr Ser Gln Glu Pro 265 Pro Asp Thr Thr Ser Gln Glu Pro Pro Asp Thr Thr Ser Pro Glu Pro Pro Asp Lys Thr Ser Pro Glu Pro Ala Pro Gln Gln Gly Ser Thr His Thr Pro Arg Ser Pro Gly Ser Thr Arg Thr Arg Arg Pro Glu Ile Ser Gln Ala Gly Pro Thr Gln Gly Glu Val Ile Pro Thr Gly Ser Ser Lys Pro Ala Gly Asp Gln Leu Pro Ala Ala Leu Trp Thr Ser Ser Ala Val Leu Gly Leu Leu Leu Ala Leu Pro Thr Tyr His Leu Trp Lys Arg 360 Cys Arg His Leu Ala Glu Asp Asp Thr His Pro Pro Ala Ser Leu Arg Leu Leu Pro Gln Val Ser Ala Trp Ala Gly Leu Arg Gly Thr Gly Gln 395 Val Gly Ile Ser Pro Ser

(2) INFORMATION FOR SEQ ID NO:3:

405

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 1539 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: double
 - (D) TOPOLOGY: linear

D'

(ii) MOLECULE TYPE: cDNA

(ix) FEATURE:

(A) NAME/KEY: CDS(B) LOCATION: 1..1146

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

							CTC Leu 15	48
							CCG Pro	96
							TGC Cys	144
							CTG Leu	192
							CTC Leu	240
							GTG Val 95	288
							GTG Val	336
							CCT Pro	384
							GAC Asp	432
							GAG Glu	480
							CCC Pro 175	528
							CTG Leu	576

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CCC CTG GGG ACC CCT GTC CCG CCC GCC CTC TAC TGC CAG GCC ACG ATG Pro Leu Gly Thr Pro Val Pro Pro Ala Leu Tyr Cys Gln Ala Thr Met 195	624
AGG CTG CCT GGC TTG GAG CTC AGC CAC CGC CAG GCC ATC CCC GTC CTG Arg Leu Pro Gly Leu Glu Leu Ser His Arg Gln Ala Ile Pro Val Leu 210 215 220	672
CAC AGC CCG ACC TCC CCG GAG CCT CCC GAC ACC ACC TCC CCG GAG TCT His Ser Pro Thr Ser Pro Glu Pro Pro Asp Thr Thr Ser Pro Glu Ser 230 235 240	720
CCC GAC ACC ACC TCC CCG GAG TCT CCC GAC ACC ACC TCC CAG GAG CCT Pro Asp Thr Thr Ser Pro Glu Ser Pro Asp Thr Thr Ser Gln Glu Pro 245 250 255	768
CCC GAC ACC ACC TCC CCG GAG CCT CCC GAC AAG ACC TCC CCG GAG CCC Pro Asp Thr Thr Ser Pro Glu Pro Pro Asp Lys Thr Ser Pro Glu Pro 260 265 270	816
GCC CCC CAG CAG GGC TCC ACA CAC ACC CCC AGG AGC CCA GGC TCC ACC Ala Pro Gln Gln Gly Ser Thr His Thr Pro Arg Ser Pro Gly Ser Thr 275 280 285	864
AGG ACT CGC CGC CCT GAG ATC TCC CAG GCT GGG CCC ACG CAG GGA GAA Arg Thr Arg Arg Pro Glu Ile Ser Gln Ala Gly Pro Thr Gln Gly Glu 290 295 300	912
GTG ATC CCA ACA GGC TCG TCC AAA CCT GCG GGT GAC CAG CTG CCC GCG Val Ile Pro Thr Gly Ser Ser Lys Pro Ala Gly Asp Gln Leu Pro Ala 305 310 315 320	960
GCT CTG TGG ACC AGC AGT GCG GTG CTG GGA CTG CTG CTC CTG GCC TTG Ala Leu Trp Thr Ser Ser Ala Val Leu Gly Leu Leu Leu Ala Leu 325 330 335	1008
CCC ACC TAT CAC CTC TGG AAA CGC TGC CGG CAC CTG GCT GAG GAC GAC Pro Thr Tyr His Leu Trp Lys Arg Cys Arg His Leu Ala Glu Asp Asp 340 345 350	1056
ACC CAC CCA CCA GCT TCT CTG AGG CTT CTG CCC CAG GTG TCG GCC TGG Thr His Pro Pro Ala Ser Leu Arg Leu Leu Pro Gln Val Ser Ala Trp 355 360 365	1104
GCT GGG TTA AGG GGG ACC GGC CAG GTC GGG ATC AGC CCC TCC Ala Gly Leu Arg Gly Thr Gly Gln Val Gly Ile Ser Pro Ser 370 375 380	1146
TGAGTGGCCA GCCTTTCCCC CTGTGAAAGC AAAATAGCTT GGACCCCTTC AAGTTGAGAA	1206
CTGGTCAGGG CAAACCTGCC TCCCATTCTA CTCAAAGTCA TCCCTCTGTT CACAGAGATG	1266
GATGCATGTT CTGATTGCCT CTTTGGAGAA GCTCATCAGA AACTCAAAAG AAGGCCACTG	1326
TTTGTCTCAC CTACCCATGA CCTGAAGCCC CTCCCTGAGT GGTCCCCACC TTTCTGGACG	1386
GAACCACGTA CTTTTTACAT ACATTGATTC ATGTCTCACG TCTCCCTAAA AATGCGTAAG	1446
ACCAAGCTGT GCCCTGACCA CCCTGGGCCC CTGTCGTCAG GACCTCCTGA GGCTTTGGCA	1506

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(2) INFORMATION FOR SEQ ID NO:4:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 382 amino acids
 - (B) TYPE: amino acid
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: protein

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

Met Asp Phe Gly Leu Ala Leu Leu Leu Ala Gly Leu Leu Gly Leu Leu 1 5 10 15

Leu Gly Gln Ser Leu Gln Val Lys Pro Leu Gln Val Glu Pro Pro Glu
20 25 30

Pro Val Val Ala Val Ala Leu Gly Ala Ser Arg Gln Leu Thr Cys Arg 35 40 45

Leu Ala Cys Ala Asp Arg Gly Ala Ser Val Gln Trp Arg Gly Leu Asp 50 55 60

Thr Ser Leu Gly Ala Val Gln Ser Asp Thr Gly Arg Ser Val Leu Thr 65 70 75 80

Val Arg Asn Ala Ser Leu Ser Ala Ala Gly Thr Arg Val Cys Val Gly 85 90 95

Ser Cys Gly Gly Arg Thr Phe Gln His Thr Val Gln Leu Leu Val Tyr 100 105 110

Ala Phe Pro Asp Gln Leu Thr Val Ser Pro Ala Ala Leu Val Pro Gly
115 120 125

Asp Pro Glu Val Ala Cys Thr Ala His Lys Val Thr Pro Val Asp Pro 130 135 140

Asn Ala Leu Ser Phe Ser Leu Leu Val Gly Gly Gln Glu Leu Glu Gly

Ala Gln Ala Leu Gly Pro Glu Val Gln Glu Glu Glu Glu Glu Pro Gln
165 170 175

Gly Asp Glu Asp Val Leu Phe Arg Val Thr Glu Arg Trp Arg Leu Pro

Pro Leu Gly Thr Pro Val Pro Pro Ala Leu Tyr Cys Gln Ala Thr Met 195 200 205

Arg Leu Pro Gly Leu Glu Leu Ser His Arg Gln Ala Ile Pro Val Leu 210 215 220

His Ser Pro Thr Ser Pro Glu Pro Pro Asp Thr Thr Ser Pro Glu Ser 225 230 235 240

•	lu Pro 55
Pro Asp Thr Thr Ser Pro Glu Pro Pro Asp Lys Thr Ser Pro G 260 265 270	lu Pro
Ala Pro Gln Gln Gly Ser Thr His Thr Pro Arg Ser Pro Gly Ser 275 280 285	er Thr
Arg Thr Arg Arg Pro Glu Ile Ser Gln Ala Gly Pro Thr Gln G 290 295 300	ly Glu
Val Ile Pro Thr Gly Ser Ser Lys Pro Ala Gly Asp Gln Leu Pr 305 310 315	ro Ala 320
Ala Leu Trp Thr Ser Ser Ala Val Leu Gly Leu Leu Leu Leu Al 325 330 33	la Leu 35
Pro Thr Tyr His Leu Trp Lys Arg Cys Arg His Leu Ala Glu As 340 345 350	sp Asp
Thr His Pro Pro Ala Ser Leu Arg Leu Leu Pro Gln Val Ser A. 355 360 365	la Trp
Ala Gly Leu Arg Gly Thr Gly Gln Val Gly Ile Ser Pro Ser 370 375 380	
(2) INFORMATION FOR SEQ ID NO:5:	
(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 1721 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	
(ii) MOLECULE TYPE: cDNA	
(ix) FEATURE: (A) NAME/KEY: CDS (B) LOCATION: 41038	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:	
AGC ATG GAT CGG GGC CTG GCC CTG CTG GCG GGG CTT CTG GC Met Asp Arg Gly Leu Ala Leu Leu Leu Ala Gly Leu Leu G 1 5 10	
CTC CAG CCG GGC TGC GGC CAG TCC CTC CAG GTG AAG CCC CTG CA Leu Gln Pro Gly Cys Gly Gln Ser Leu Gln Val Lys Pro Leu Gl 20 25	
	GC CAG 144

			GAC Asp				_	_		192
			AGC Ser							240
			CGC Arg 85							288
			TGC Cys							336
			TTC Phe							384
			CCG Pro							432
			GCG Ala							480
			CAG Gln 165							528
			GAG Glu							576
			CTG Leu							624
			CTG Leu							672
			GGC Gly							720
			GCC Ala 245							768
			CCC Pro							816
			GCT Ala							864

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GGC TCG Gly Ser													912
AGC AGT (Ser Ser A													960
CTC TGG A Leu Trp I 320			g His										1008
GCT TCT (Ala Ser I							TGAA	AGGGA	AA A	\TAG(GTTGC	GΑ	1058
CCCCTTCA	AG CTGAC	GAACTG	GTCGG	GCAA	ACC	TGCC	TCC	CATI	CTAI	TC A	AAAGT	CATCG	1118
CTCTGGTC	AC AGAGA	AGGGAC	GCACAT	TCTG	ATT	GCCT	CCT	TTGG	SAAAC	GC '	CATO	CAGAAA	1178
CTCAAAAGA	AA GGTGA	ATCGTT	TGTCC	CGCCT	' ACC	CGTG	ACC	TGGA	AGCC	CC (CGCCC	CCGCTC	1238
GAGTGACC	CC TGACT	TTTCTG	GACGGA	AACCA	ACG	TACT	TCT	TACA	TATA	TT	GATTO	CATGTG	1298
TCATATCT	CC CTAAA	AATGCG	TAAAAC	CCAGC	TGT	GCCC	CGA	CCAC	CTTG	GG (CCCCT	GCCAT	1358
CAGGACCTO	CC TGAGO	CTTTG	GCAAAT	TAAAC	CTC	CTAA	AAG	GATA	GAAA	CT (GAAAC	CTTGTG	1418
GCCGGGCG	CG GTGGC	CTCAAG	CCTGTA	ATCC	CAG	CACT	TTG	GGAG	GCCG	AG (GTGGG	TGGAT	1478
CACGAGGTO	CA GGAGA	TCGAG	ACCATO	CTGG	CTA	ACCC	GTG	AAAC	.ccc	TC :	rctac	AAAAT	1538
AAATACAAA	AA ATTAC	CCGGG	AGCGGT	GGCG	GGC	GCCT	GTA	GTCC	CAGC	TA (CTCGG	GAGGC	1598
TGAGGCAGC	GA GAATO	GCGTG	AACCC	GGAG	GCG	GAGC	TTG	CAGT	'GAGC	TG A	AGATO	CGGCC	1658
ACTGCACTO	CC AGCCT	GGGGG	ACAGAC	CGAG	ACT	CCGT	CTC	AAAA	AAAA	AA A	AAAA	AAAAA	1718
AAA													1721

(2) INFORMATION FOR SEQ ID NO:6:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 345 amino acids
 - (B) TYPE: amino acid
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: protein

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

Met Asp Arg Gly Leu Ala Leu Leu Leu Ala Gly Leu Leu Gly Leu Leu 1 10 15

Gln Pro Gly Cys Gly Gln Ser Leu Gln Val Lys Pro Leu Gln Val Glu 20 25 30

Tul

Pro Pro Glu Pro Val Val Ala Val Ala Leu Gly Ala Ser Arg Gln Leu 35 Thr Cys Arg Leu Asp Cys Ala Asp Arg Gly Ala Thr Val Gln Trp Arg Gly Leu Asp Thr Ser Leu Gly Ala Val Gln Ser Asp Ala Gly Arg Ser Val Leu Thr Val Arg Asn Ala Ser Leu Ser Ala Ala Gly Thr Arg Val Cys Val Gly Ser Cys Gly Gly Arg Thr Phe Gln His Thr Val Arg Leu 105 Leu Val Tyr Ala Phe Pro Asp Gln Leu Thr Ile Ser Pro Ala Ala Leu 120 Val Pro Gly Asp Pro Glu Val Ala Cys Thr Ala His Lys Val Thr Pro Val Asp Pro Asn Ala Leu Ser Phe Ser Leu Leu Gly Asp Gln Glu Leu Glu Gly Ala Gln Ala Leu Gly Pro Glu Val Glu Glu Glu Glu Glu Glu Pro Gln Glu Glu Asp Val Leu Phe Arg Val Thr Glu Arg Trp Arg Leu Pro Thr Leu Ala Thr Pro Val Leu Pro Ala Leu Tyr Cys Gln Ala Thr Met Arg Leu Pro Gly Leu Glu Leu Ser His Arg Gln Ala Ile 215 Pro Val Leu His Gly Pro Thr Ser Arg Glu Pro Pro Asp Thr Thr Ser Pro Glu Pro Arg Ala Ala Thr Ser Pro Glu Thr Thr Pro Gln Gln Gly 250 Ser Thr His Ser Pro Arg Ser Pro Gly Ser Thr Arg Thr Cys Arg Pro 265 Glu Ile Ser Gln Ala Gly Pro Thr Gln Gly Glu Val Ile Pro Thr Gly 280 Ser Ser Lys Pro Thr Gly Asp Gln Leu Pro Ala Ala Leu Trp Thr Ser Ser Ala Val Leu Gly Leu Leu Leu Leu Ala Leu Pro Thr Tyr His Leu 310 315 Trp Lys Arg Cys Arg His Leu Ala Glu Asp Gly Ala His Pro Pro Ala Ser Leu Ser Ser Gln Pro Phe Pro Leu

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(2)	INFORMATION FOR SEQ ID NO:7:	
	 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: unknown 	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:	
CTC	ACTGCC AGGCCACG	18
(2)	INFORMATION FOR SEQ ID NO:8:	
	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 19 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: unknown	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:	
AGC	TGGGAG ATCTCAGGG	19
(2)	INFORMATION FOR SEQ ID NO:9:	
	 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: unknown 	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:	
GCCF	CGATGA GGCTGCCTGG	20
(2)	INFORMATION FOR SEQ ID NO:10:	
	 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: unknown 	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:	
CTCC	ACCCTC CCCTCCTCCC	2.0

(2)	INFO	RMATION FOR SEQ ID NO:11:	
	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 32 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:11:	
GGA <i>l</i>	AGCTT	CC ACCATGGATT TCGGACTGGC CC	32
(2)	INFO	RMATION FOR SEQ ID NO:12:	
	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 26 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:12:	
CCGA	ACTAGI	TG TCGGGCTGTG CAGGAC	26
(2)	INFOR	RMATION FOR SEQ ID NO:13:	
	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 27 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:13:	
GGAC	CTAGTO	GG TTTGGACGAG CCTGTTG	27
(2)	INFOR	RMATION FOR SEQ ID NO:14:	
	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 6 amino acids (B) TYPE: amino acid (C) STRANDEDNESS: (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:14:	
	Gly 1	Leu Asp Thr Ser Leu 5	

-117-(2) INFORMATION FOR SEQ ID NO:15: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 6 amino acids (B) TYPE: amino acid (C) STRANDEDNESS: (D) TOPOLOGY: linear (ix) FEATURE: (A) NAME/KEY: Region (B) LOCATION: 2 (D) OTHER INFORMATION: /product= "OTHER" /label= variable /note= "Xaa = Ile or Leu" (ix) FEATURE: (A) NAME/KEY: Region (B) LOCATION: 3 (D) OTHER INFORMATION: /product = "OTHER" /label= variable /note= "Xaa = Asp or Glu" (ix) FEATURE: (A) NAME/KEY: Region (B) LOCATION: 4 (D) OTHER INFORMATION: /product= "OTHER" /label= variable /note= "Xaa = Thr or Ser" (ix) FEATURE: (A) NAME/KEY: Region (B) LOCATION: 5 (D) OTHER INFORMATION: /product= "OTHER" /label= variable /note= "Xaa = Pro or Ser" (xi) SEQUENCE DESCRIPTION: SEQ ID NO:15: Gly Xaa Xaa Xaa Leu (2) INFORMATION FOR SEQ ID NO:16:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 6 amino acids
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS:
 - (D) TOPOLOGY: linear
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:16:

Gln Ile Asp Ser Pro Leu

- (2) INFORMATION FOR SEQ ID NO:17:
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 5 amino acids
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS:
 - (D) TOPOLOGY: linear
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO:17:

Leu Asp Thr Ser Leu 1 5